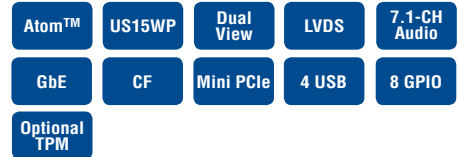


Features

- Intel® Atom™ Z510P/ Z530P CPU
- Intel® US15WP Chipset
- 2D/3D Graphic Acceleration Supports Direct X9, WMV9, H.264.A and MPEG 2 Video Decoding
- One 200-pin SODIMM Up to 2GB DDR2 400/ 533 SDRAM
- Dual View, VGA, LVDS
- Realtek ALC888 Supports 7.1-CH HD Audio
- Realtek RTL8111C Gigabit Ethernet
- 1 Mini PCIe, 1 CF
- 1 COM, 4 USB, 8-bit GPIO
- Optional TPM



1
ATX

2
Micro
ATX

3
Mini
ITX

4
Nano
ITX

5
ACP

6
System

7
Accessory

Specifications

System

• CPU	Onboard Intel® Atom™ Z510P/ Z530P CPU
• FSB	533MHz
• BIOS	Award 512KB Flash BIOS
• System Chipset	Intel® SCH US15WP (Single Chip SCH, GMCH+ICH)
• I/O Chip	Winbond W83627DHG-A
• System Memory	1 x 200-pin SODIMM 1GB DDR2 400/ 533 SDRAM
• SSD	One CompactFlash Type I/II Socket
• Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
• H/W Status Monitor	Monitoring CPU Temperature, Voltage and Fan Status with Auto Throttling Control
• Expansion	1 Mini PCIe
• S3/ S4	Yes
• TPM	Optional
• Wake up and LAN/ RING	Yes
• SmartFan Control	Supports 3 Modes (Silent/ Optimal/ Performance)

I/O

• MIO	1 x IDE, 1 x COM (Pin-header), 1 x KB+Mouse
• USB	4 x USB 2.0 (2 x Edge ports, 2 x Pin-header)
• DIO	8-bit General Purpose I/O for 4-bit DI and 4-bit DO

Audio

• Audio Codec	Realtek ALC888 (co-lay ALC888VC) Supports 7.1-CH Audio
• Audio Interface	Mic-in, Line-out (2 Jack), Line-in (Pin-header)

Display

• Chipset	Intel® US15WP Supports Direct X9, WMV9, H.264.A and MPEG2 Video Decoding
• Display Memory	Shared Memory
• Max. Resolution	LVDS mode: 1366 x 768 @ 85Hz Ext Display: 1280 x 1024 @ 85Hz
• Multiple Display	LVDS + VGA
• LVDS	Single channel 18/24-bit LVDS
• LVDS Backlight Power	Yes

Ethernet

• LAN	Realtek RTL8111C Gigabit Ethernet
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Mechanical & Environmental

• Power Type	ATX (5V/ 12V; 5Vsb)
• Operating Temperature	0 ~ 60°C (32 ~ 140°F)
• Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
• Size (L x W)	4.72" x 4.72" (120mm x 120mm)
• Weight	0.88lbs (0.4Kg)

Ordering Information

• ENX-US15WP-510-A1R

Intel® Atom™ Z510P 1.1GHz Nano ITX Motherboard with Intel® US15WP Chipset and VGA, LVDS, Audio, GbE, Mini PCIe, CF, COM, 4 USB, 8-bit GPIO

• ENX-US15WP-530-A1R

Intel® Atom™ Z530P 1.6GHz Nano ITX Motherboard with Intel® US15WP Chipset and VGA, LVDS, Audio, GbE, Mini PCIe, CF, COM, 4 USB, 8-bit GPIO